

Other: Twin Otter International 02/08/17

Aircraft:

Other: Twin Otter International

Flight Number:

5

Payload Configuration:

WISM

Nav Data Collected:

Yes

Total Flight Time:

0.5 hours

Submitted by:

Sommer tBeddingfield on 02/22/17

Flight Segments:

From:	GJT	To:	GJT
Start:	02/08/17 15:00 Z	Finish:	02/08/17 15:30 Z
Flight Time:	0.5 hours		
Log Number:	17M014	PI:	Lora Koenig
Funding Source:	Parminder Ghuman - NASA - SMD - ESD ESTO - IIP Program Manager		
Purpose of Flight:	Science		
Comments:	Flight plan was for science flights over the Grand Mesa and included flight tracks over the airport to pass over the corner reflectors going to and returning from the Grand Mesa. The flight was terminated during the first pass over the airport due to a malfunction of the radar.		

Flight Hour Summary:

	16M038	17M014
Flight Hours Approved in SOFRS		12
Total Used	0	7.3
Total Remaining		4.7

17M014 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
02/03/17	1	Science	0.8	0.8	11.2
02/05/17	2	Science	0.8	1.6	10.4
02/05/17	3	Science	0.7	2.3	9.7
02/06/17	4	Science	0.8	3.1	8.9
02/08/17	5	Science	0.5	3.6	8.4
02/09/17	6	Science	1.9	5.5	6.5
02/10/17	7	Science	1.8	7.3	4.7

Source URL:

https://airbornescience.nasa.gov/flight_reports/Other_Twin_Otter_International_02_08_17?destination=node/47392

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Page Last Updated: April 22, 2017

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Related Science Report:

WISM - Other: Twin Otter International 02/09/17 Science Report

Mission:

WISM

Mission Summary:

Sixth flight for the WISM instrument of this campaign. Flight was conducted around the Grand Junction airport and over the Grand Mesa. Kerry Speed, Tim Durham and Quenton Bonds flew. Pilots were Thomas Sommerville and Ross Rice. Sky was mostly clear with a few scattered clouds. The aircraft flew at 5000 ft above ground level.

Flight plan was for science flights over the Grand Mesa and included flight tracks over the airport to pass over the corner reflectors going to and returning from the Grand Mesa. The radiometer worked well. The radar worked well except a computer hang partway through the flight caused the loss of one channel. The flight plan was completed except the final overpass of the corner reflectors at the airport.

File:

[WISM_flight_report_02_09_2017_flight6.pdf](#)

Submitted by:

Paul Racette on 02/09/17

WISM - Other: Twin Otter International 02/08/17 Science Report

Mission:

WISM

Mission Summary:

Fifth flight for the WISM instrument of this campaign. Flight was conducted around the Grand Junction airport. Kerry Speed, Tim Durham and Quenton Bonds flew. Pilots were Thomas Sommerville and Ross Rice. Sky was mostly clear with a few scattered clouds.

Flight plan was for science flights over the Grand Mesa and included flight tracks over the airport to pass over the corner reflectors going to and returning from the Grand Mesa. The flight was terminated during the first pass over the airport due to a malfunction of the radar.

File:

[WISM_flight_report_02_08_2017_flight5.pdf](#)

Submitted by:

Paul Racette on 02/09/17

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.